Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY **PATENT APPLICATION TRANSMITTAL**

Attorney Docket No.	TO BE ASSIGNED	P. 75
First Inventor	STEPHAN J. JOURDAN et al.	ک 13.6
Title	PREDICTING INSTRUCTION BRANCHES WI INDEPENDENT CHECKING PREDICTIONS	70 ⁻ 7
Express Mail Label No.		192

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

ADDRESS TO: P.O. Box 1450 ADDRESS TO: P.O. Box 1450	APPLICATION E	LEMENTS	Mail Stop Patent Application Commissioner for Patents					
1.			ADDRESS 10: P.O. Box 1450					
6. Application Data Sheet. See 37 CFR 1.76 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No:/ Prior application information: Examiner Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 23838 OR Correspondence address below Name Address City State Zip Code Country Telephone Fax	1. Fee Transmittal Form (e.g., PT (Submit an original and a duplicate for fee 2. Applicant claims small entity st See 37 CFR 1.27. 3. Specification (preferred arrangement set forth be - Descriptive title of the Invention - Cross Reference to Related Application - Statement Regarding Fed sponso - Reference to sequence listing, a transmitter of the Invention - Brief Description of the Invention - Brief Description of the Drawings - Detailed Description - Claim(s) - Abstract of the Disclosure 4. Drawing(s) (35 U.S.C.113) 5. Oath or Declaration	CO/SB/17) a processing) atus. Total Pages 15] Jow) Cations red R & D able, endix (if filed) [Total Sheets 5] Total Sheets 2] Copy) (37 CFR 1.63 (d)) with Box 18 completed) DR(S) ing inventor(s)	ADDRESS TO: P.O. Box 1450 Alexandria VA 22313-1450 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATIONS PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 C.F.R. 3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122					
or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No: Prior application information: Examiner For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number 23838 OR Correspondence address below Name Address City State Zip Code Country Telephone Fax	6. Application Data Sheet. See 37 (UFR 1.76						
19. CORRESPONDENCE ADDRESS	Prior application information: Examiner							
City State Zip Code Country Telephone Fax	20 . S. S							
Address City State Zip Code Country Telephone Fax	☑ Customer Number	238	OR Correspondence address below					
City State Zip Code Country Telephone Fax	Name							
State Zip Code Country Telephone Fax	Address							
Country Telephone Fax	City	State	Zip Code					
Name (Print/Type) Shawn W. O'Dowd Registration No. (Attorney/Agent) 34,687	Country							
	Name (Print/Type) Shawn W. O'Do	wd	Registration No. (Attorney/Agent) 34,687					
Signature Shan 0° 2 A Date 12/16/03	Signature Shan C	1-8-K	Date 12/16/03					

process) an application. Confidentiality is governed by 37 CFR 1.33(p). The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. V1868, I.DOC

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE	TR	AN	SMI	TT	AL
1	for	FY	200	4	

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1058

Complete if Known						
Application Number	TO BE ASSIGNED					
Filing Date	HEREWITH					
First Named Inventor	STEPHAN J. JOURDAN et al.					
Examiner Name	TO BE ASSIGNED					
Art Unit	TO BE ASSIGNED					
Attorney Docket No	2207/17047					

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)								
Cloudy Conditioned C Manage C Other C Manage			3. ADDITIONAL FEES									
☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None Order				Large	Entity	Small E	ntity					
☐ Deposit Account:												
Deposit				Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid			
Account		11-0600					1051	130	2051	65	Surcharge - late filing fee or oath	
Number		L					1052	50	2052	25	Surcharge - late provisional filing fee	
						_	l				or cover sheet.	
Deposit Account		Kenyon &	Konyon	•			1053	130	1053	130	Non-English specification	
Name	•	Kenyon &	Kenyon	ı			1812	2,520	1812	2,520	For filing a request for reexamination	
	or is au	thorized to	o: (che	eck all that a	only)		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
🖾 Charge f	ee(s) i	ndicated be	low [☑ Credit any	overpayments ency of this applicat	on	1805	1,840	1805	1,840*	Requesting publication of SIR after Examiner action	
				xcept for th	e filing fee		1251	110	2251	55	Extension for reply within first month	
to the above	e-ident	ified deposi	t acco	unt.			1252	420	2252	210	Extension for reply within second	
l		FE	E CAL	CULATION							month	
1. BA	SIC F	LING FE	Ξ				1253	950	2253	475	Extension for reply within third month	
Large Entity		Small Entity	!				1254	1,480	2254	740	Extension for reply within fourth month	
Fee Fe		ee Fee	<u> </u>	e Description			1255	2.010	2255	1.005	Extension for reply within fifth month	
Code (\$	· I	ode (\$)			Fee Pai	<u>-</u>	1401	330	2401	165	Notice of Appeal	
1001 77	1	001 385		tility filing fee	770	_	1402	330	2402	165	Filing a brief in support of an appeal	\vdash
1002 34		2002 170		esign filing fe	•		1403	290	2403	145	Request for oral hearing	
1003 53		265		ant filing fee		_	i				Petition to institute a public use	
1004 77		:004 385		eissue filing fo			1451	1,510	1451	1,510	proceeding	
1005 160 2005 80 Provisional filling fee				1452	110	2452	55	Petition to revive – unavoidable				
		SUBT	DTAL ((1)	(\$) 770		1453	1,330	2453	665	Petition to revive – unintentional	
							1501	1,330	2501	665	Utility issue fee (or reissue)	
2. EXTRA	CLA	IM FEES			ND REISSUE		1502	480	2502	240	Design issue fee	
					Fee from Fee below Paid	ı	1503	640	2503	320	Plant issue fee	
Total Claims	29	-20 **	= [18 = 162		1460	130	1460	130	Petitions to the Commissioner	
Independent		=	一			_	1807	50	1807	50	Processing fee under 37 CFR 1.17 (q	
Claims	4	-3 **	= [1 X	86 = 86	4	1806	180	1806	180	Submission of Information Disclosure Stmt	
Multiple Dependent				Х	= 0		8021	40	8021	40	Recording each patent assignment per property (times number of	40
Large Entity		Small E					1809	770	2809	385	properties) Filing a submission after final rejection	,
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Desci	<u>iption</u>		1009	770	2009	303	(37 CFR § 1.129(a))	'
1202	18	2202	9	Claims in	excess of 20		1810	770	2810	385	For each additional invention to be	
1201	86	2201	43	•	nt claims in excess of		1				examined (37 CFR § 1.129(b))	
1203	290	2203	145		pendent claim, if not		1801	770	2801	385	Request for Continued Examination (RCE)
1204	86	2204	2204 43 ** Reissue independent claims over original patent				1802	900	1802	900	Request for expedited examination	
1205	18	2205	9		claims in excess of 2	0 and	1				of a design application	
1205 18 2205 9 over original patent					Other fee (specify)							
SUBTOTAL (2) (\$) 248						oc (spe	,,					
(4) 240					*Redu	iced by F	Basic Filin	n Fee D	aid SUBTOTAL (3) (\$) 40	<u></u> 1		
**or number proviously poid if greater: For Raissyes, see above						*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40						

 SUBMITTED BY
 Complete (if applicable)

 Name (Print/Type)
 Shawn W. O'Dowd
 Registration No. (Attorney/Agent)
 34,687
 Telephone
 202-220-4255

 Signature
 Date
 12/14/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Included on this form. Provide Credit Card Information and authorization on P10-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.471870_1.DOC